

FIG. 1

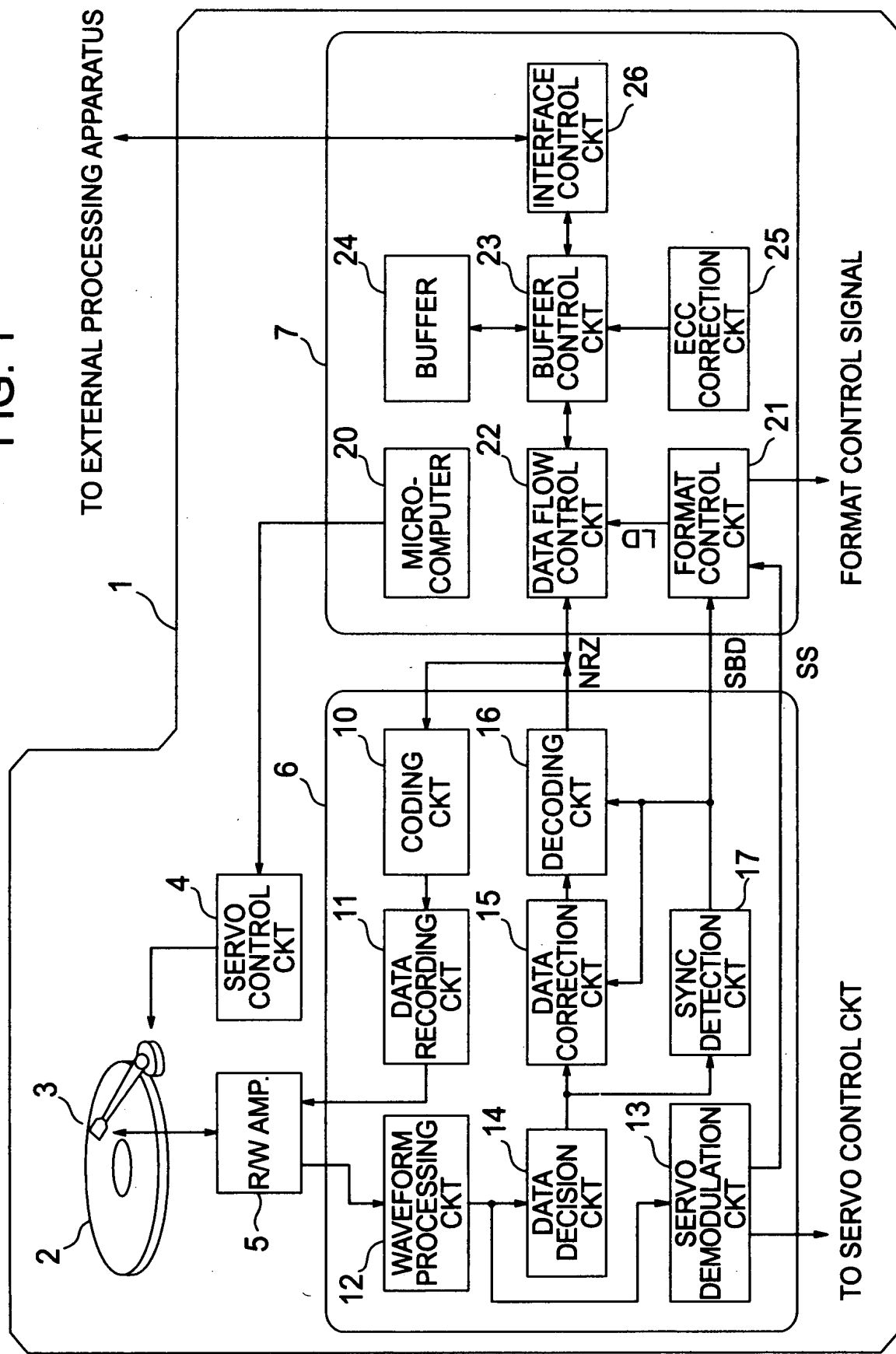


FIG. 2

FIG. 3A

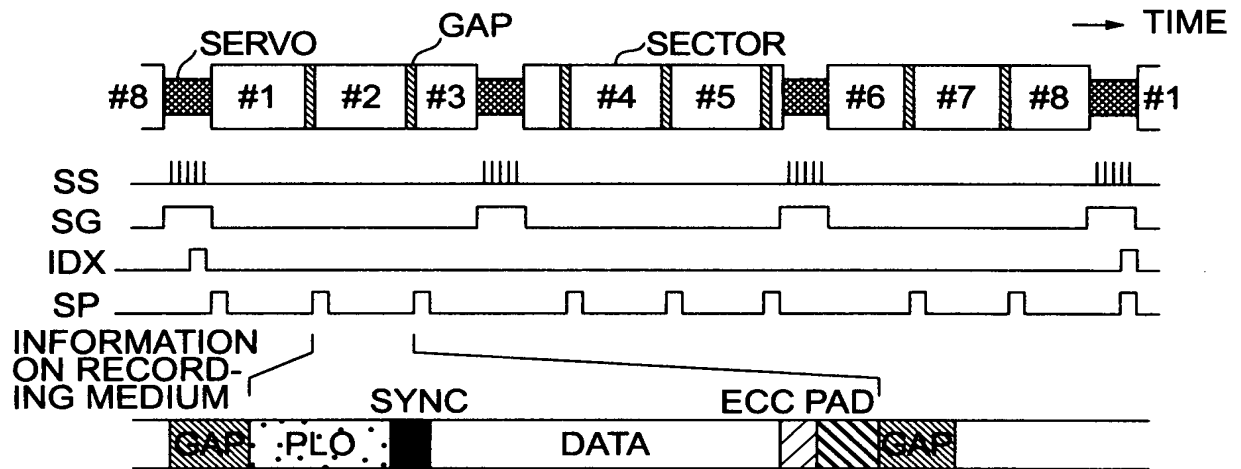


FIG. 3B

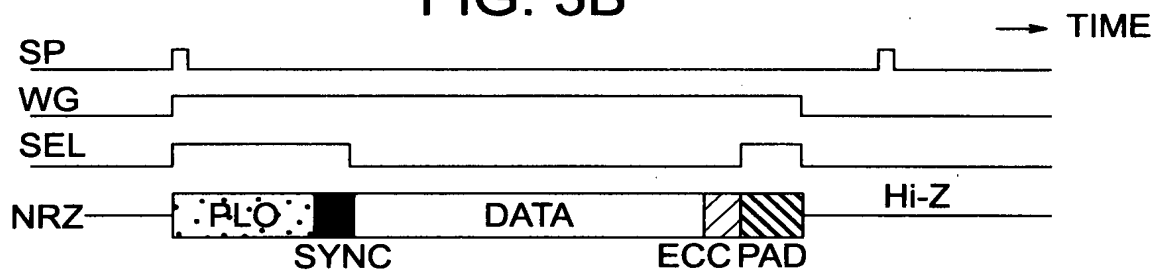


FIG. 3C

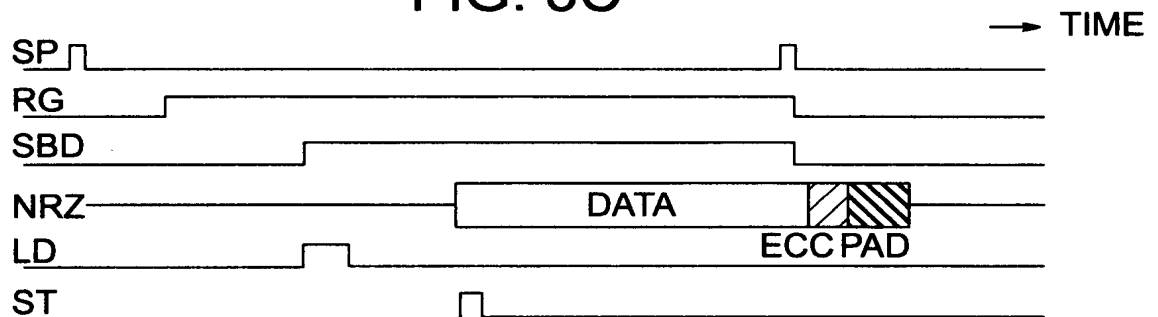


FIG. 4A

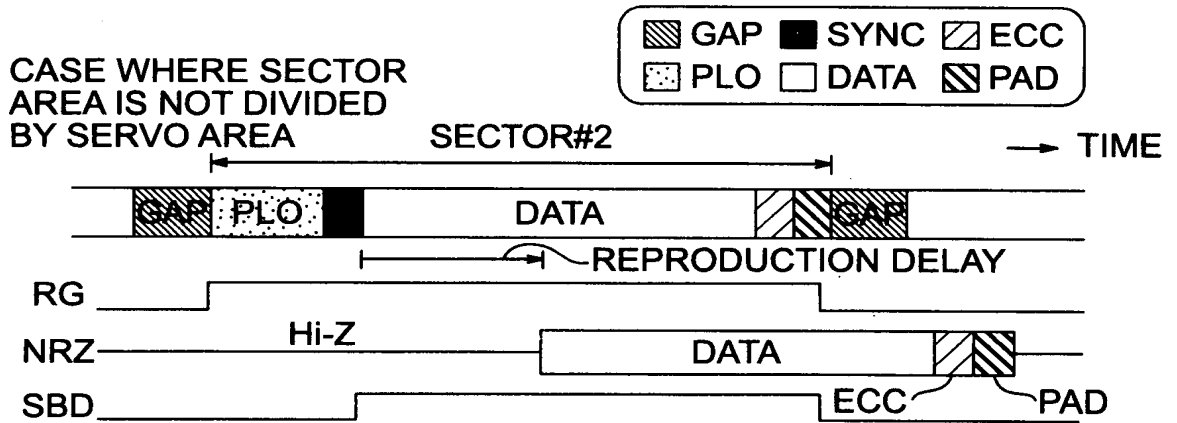
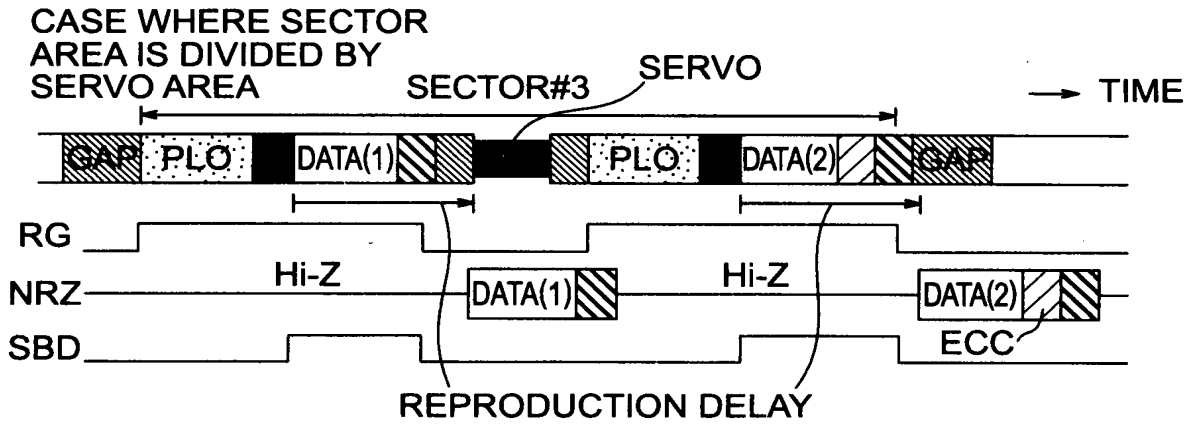


FIG. 4B



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FIG. 5A

CASE WHERE SECTOR AREA IS NOT DIVIDED BY SERVO AREA

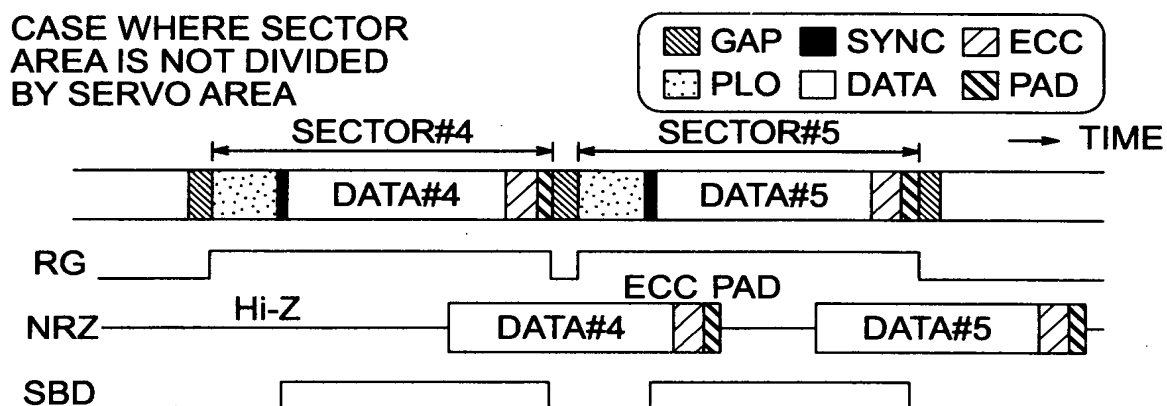


FIG. 5B

CASE WHERE SECTOR AREA IS DIVIDED BY SERVO AREA

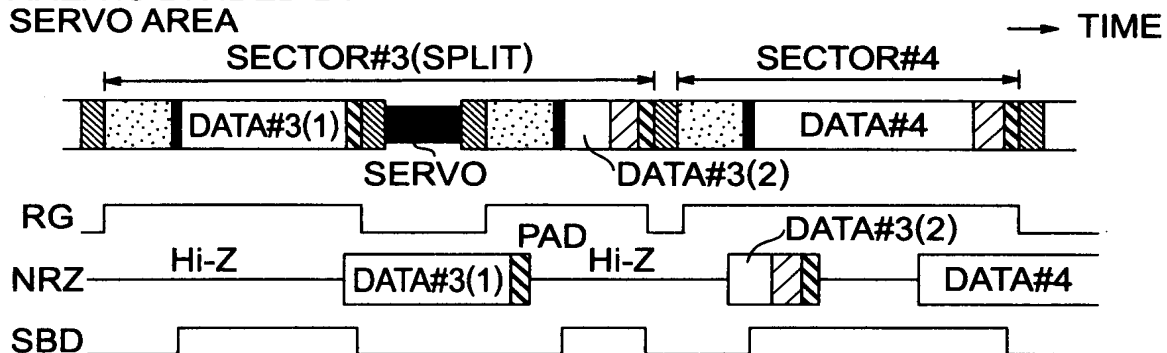


FIG. 6A

CASE WHERE SECTOR AREA IS NOT DIVIDED BY SERVO AREA

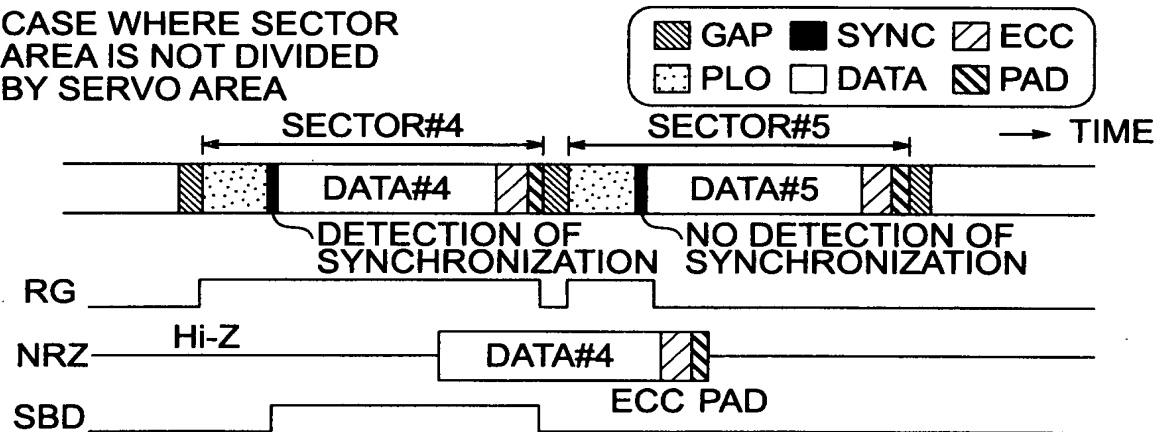


FIG. 6B

CASE WHERE SECTOR AREA IS DIVIDED BY SERVO AREA

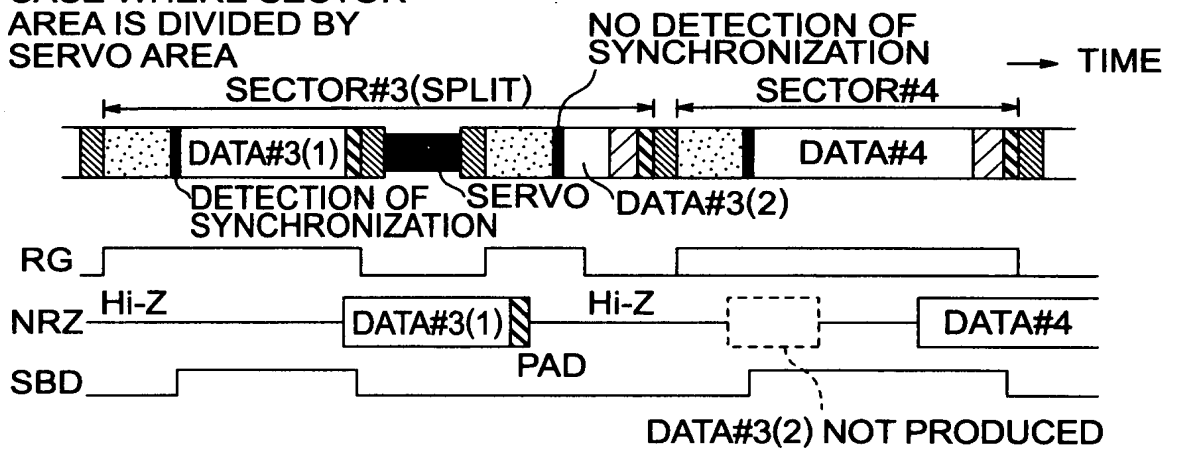


FIG. 7A

USUAL PROCESSING

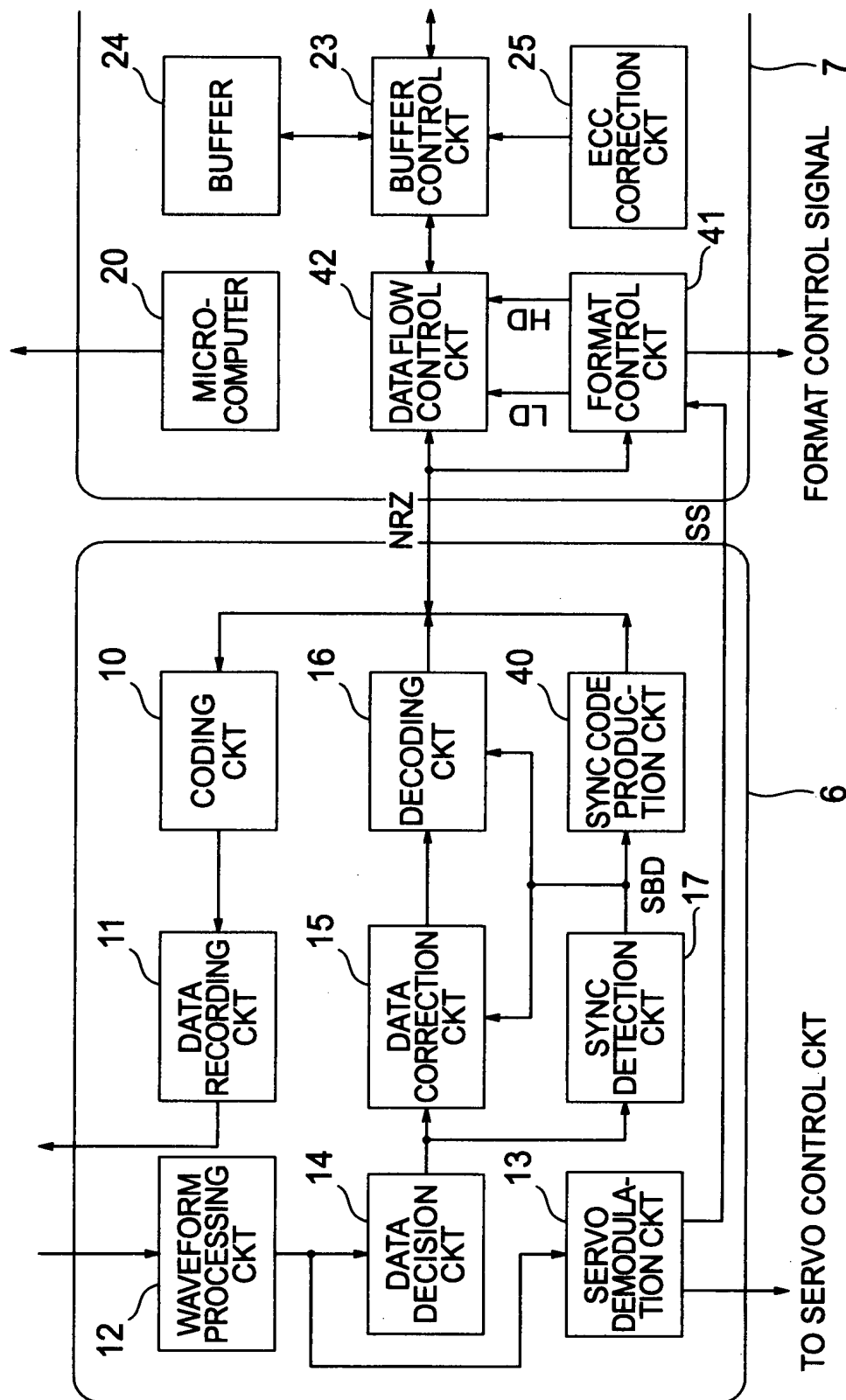
	PROCESSING BY SEQUENCER 33	PROCESSING BY DATA FLOW CONTROL CKT 22
step1	ACTIVATE "RG" SIGNAL	CONTINUE WHEN DATA IS BEING TRANSFERRED
step2	SYNC DETECTED WITHIN FIXED PERIOD? ("SBD" SIGNAL=ACTIVE)	CONTINUE WHEN DATA IS BEING TRANSFERRED
step3	WAIT DURING PRESCRI- BED NUMBER OF BYTES	WAIT DURING NUMBER OF RE- PRODUCTION DELAY BYTES AND THEN START TO TRANS- FER DATA OF PRESCRIBED NUMBER OF BYTES
step4	INACTIVATE "RG" SIGNAL	CONTINUE WHEN DATA IS BEING TRANSFERRED
step5	WAIT UNTIL SERVO PERIOD PASSES	CONTINUE WHEN DATA IS BEING TRANSFERRED
step6	ACTIVATE "RG" SIGNAL	CONTINUE WHEN DATA IS BEING TRANSFERRED
step7	SYNC DETECTED WITHIN FIXED PERIOD? ("SBD" SIGNAL=ACTIVE)	CONTINUE WHEN DATA IS BEING TRANSFERRED
step8	WAIT DURING PRESCRI- BED NUMBER OF BYTES	WAIT DURING NUMBER OF RE- PRODUCTION DELAY BYTES AND THEN START TO TRANS- FER DATA OF PRESCRIBED NUMBER OF BYTES
step9	INACTIVATE "RG" SIGNAL	CONTINUE WHEN DATA IS BEING TRANSFERRED

FIG. 7B

EXCEPTIONAL PROCESSING(WHEN SYNC BYTE IS NOT DETECTED WITHIN PRESCRIBED TIME)

step1	INACTIVATE "RG" SIGNAL	CONTINUE WHEN DATA IS BEING TRANSFERRED
step2	NOTIFY OCCURRENCE OF DATA ERROR	CONTINUE WHEN DATA IS BEING TRANSFERRED

FIG. 8



$\Gamma_{\text{eff}} = \frac{\Gamma}{1 + \frac{\Gamma}{\Gamma_0}}$, where Γ_0 is the characteristic frequency of the system.

CASE WHERE SECTOR AREA IS NOT DIVIDED BY SERVO AREA

Legend:

- GAP (diagonal lines)
- SYNC (solid black)
- ECC (diagonal lines)
- PLO (dotted)
- DATA (white)
- PAD (diagonal lines)

Timeline:

- SECTOR#4: GAP, SYNC, ECC, PLO, DATA#4, PAD
- SECTOR#5: GAP, SYNC, ECC, PLO, DATA#5, PAD

Timing Signals:

- RG: High during servo area, low during data area.
- NRZ: High during servo area, low during data area.

Annotations:

- TEMPORARILY STOP OUTPUTTING DATA (during servo area)
- RESUME OUTPUTTING DATA (during data area)

CASE WHERE SECTOR AREA IS DIVIDED BY SERVO AREA

FIG. 9B

→ TIME

SECTOR#3(SPLIT) SECTOR#4

DATA#3(1) DATA#3(2) DATA#4

SERVO

RG

NRZ

Hi-Z

SYNC

DATA#3(1)

DATA#3(2)

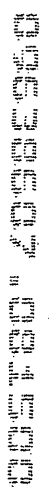
ECC

DATA#4

TEMPORARILY STOP OUTPUTTING DATA

RESUME OUTPUTTING DATA

1. The first step is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.



1. The first group of people who are not allowed to enter the country are those who are on the "no-fly" list. This list is maintained by the Department of Homeland Security and includes individuals who are suspected of being involved in terrorism or other activities that could threaten the security of the United States.

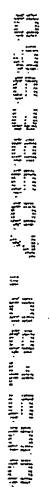
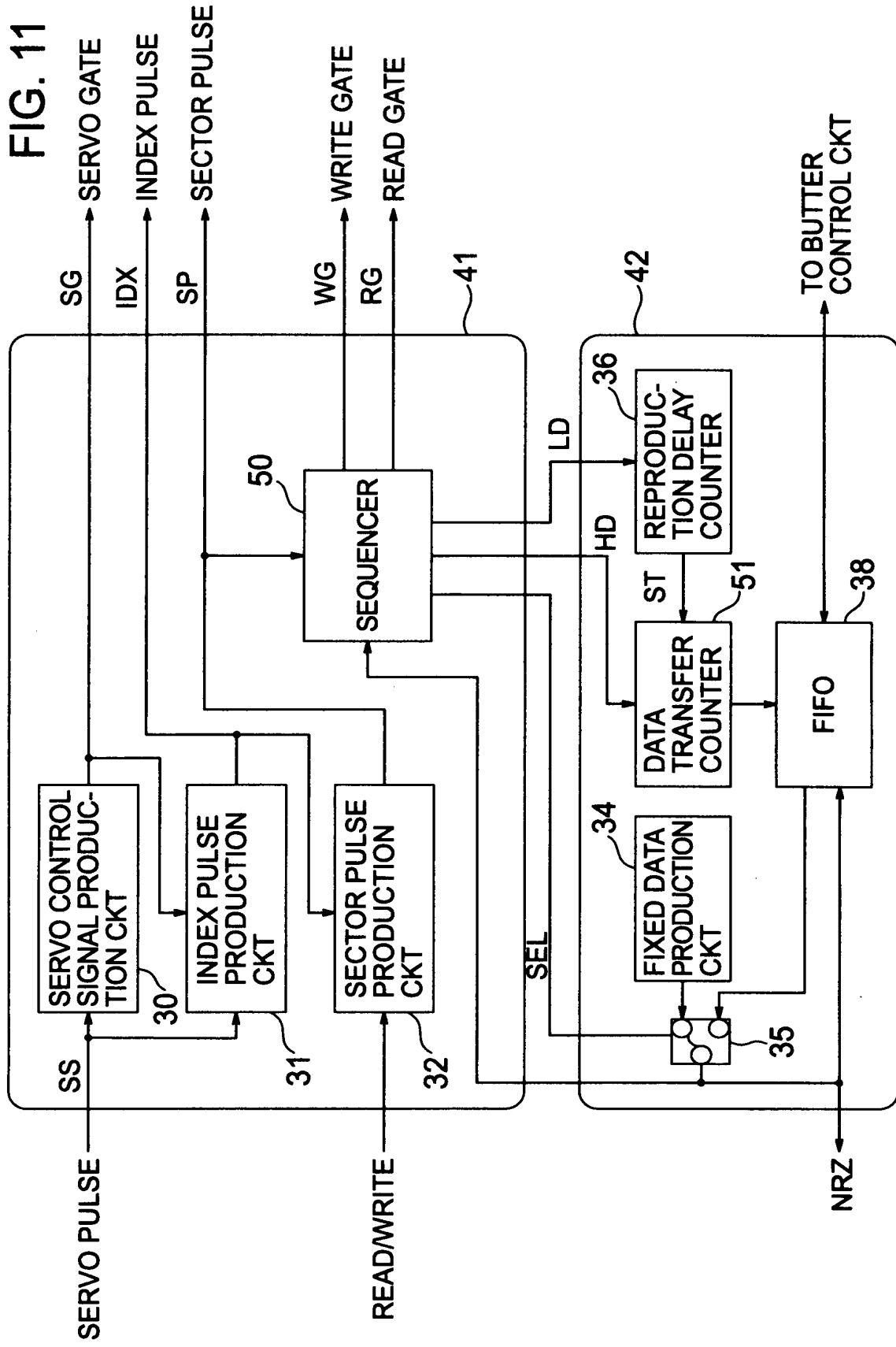


FIG. 11



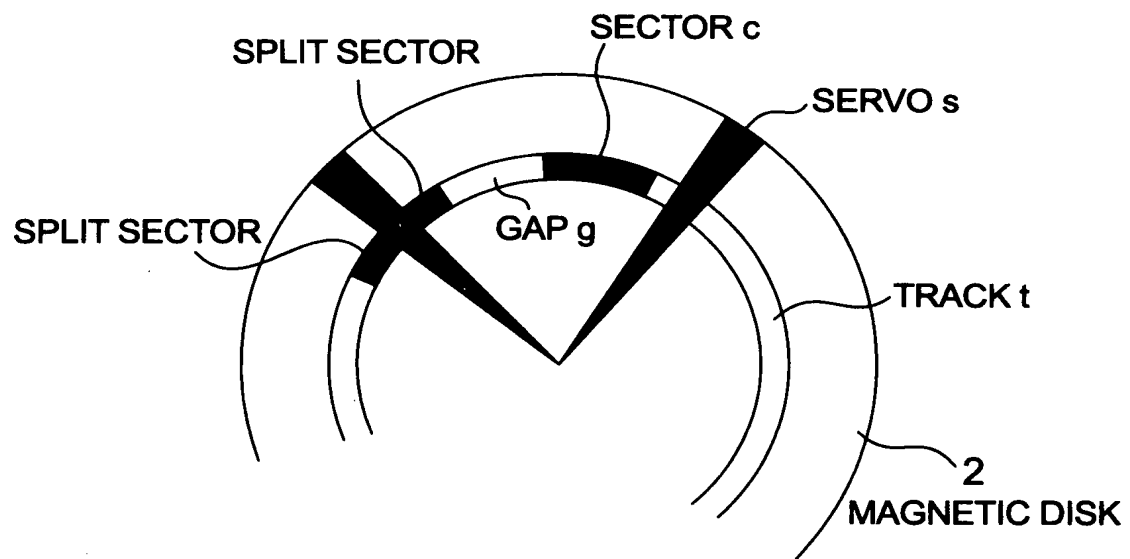
THE FUTURE OF THE FUTURE

	PROCESSING BY SEQUENCER 50	PROCESSING BY DATA FLOW CONTROL CKT 42
step1	ACTIVATE "RG" SIGNAL	TEMPORARILY STOP DATA TRANSFER WHEN DATA IS BEING TRANSFERRED
step2	SYNC DETECTED WITHIN FIXED PERIOD? (NRZ DATA=SYNC CODE)	TEMPORARILY STOP DATA TRANSFER
step3	WAIT DURING PRESCRI- BED NUMBER OF BYTES	RESUME DATA TRANSFER WHEN DATA TRANSFER IS TEMPORARILY STOPPED
		WAIT DURING NUMBER OF RE- PRODUCTION DELAY BYTES AND THEN START TO TRANS- FER DATA OF PRESCRIBED NUMBER OF BYTES
step4	INACTIVATE "RG" SIGNAL	DATA TRANSFER CONTINUES
step5	WAIT UNTIL SERVO PERIOD PASSES	DATA TRANSFER CONTINUES
step6	ACTIVATE "RG" SIGNAL	TEMPORARILY STOP DATA TRANSFER WHEN DATA IS BEING TRANSFERRED
step7	SYNC DETECTED WITHIN FIXED PERIOD? (NRZ DATA=SYNC CODE)	TEMPORARILY STOP DATA TRANSFER
step8	WAIT DURING PRESCRI- BED NUMBER OF BYTES	RESUME DATA TRANSFER WHEN DATA TRANSFER IS TEMPORARILY STOPPED
		WAIT DURING NUMBER OF RE- PRODUCTION DELAY BYTES AND THEN START TO TRANS- FER DATA OF PRESCRIBED NUMBER OF BYTES
step9	INACTIVATE "RG" SIGNAL	DATA TRANSFER CONTINUES

EXCEPTIONAL PROCESSING(WHEN SYNC CODE IS NOT DETECTED WITHIN PRESCRIBED TIME)

step1	INACTIVATE "RG" SIGNAL	RESUME DATA TRANSFER WHEN DATA TRANSFER IS TEMPORARILY STOPPED
step2	NOTIFY OCCURRENCE OF DATA ERROR WHEN SYNC IS NOT DETECTED IN STEP 7	STOP DATA TRANSFER

FIG. 13



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FIG. 14A

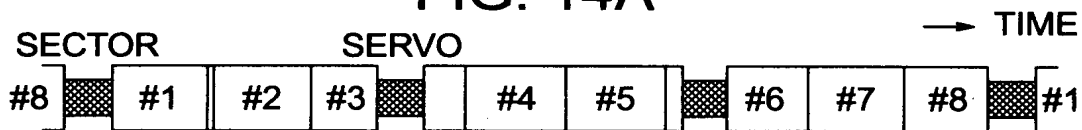


FIG. 14B



FIG. 14C



FIG. 14D



UPON RECORDING OF DATA

FIG. 14E



FIG. 14F

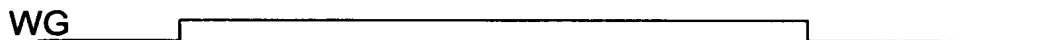
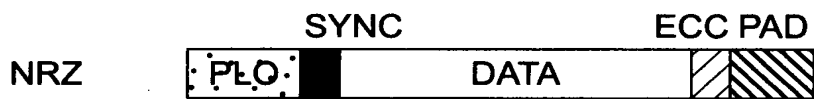


FIG. 14G



INFORMATION ON RECORDING MEDIUM

FIG. 14H



FIG. 14I

FIG. 14J

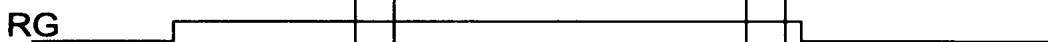
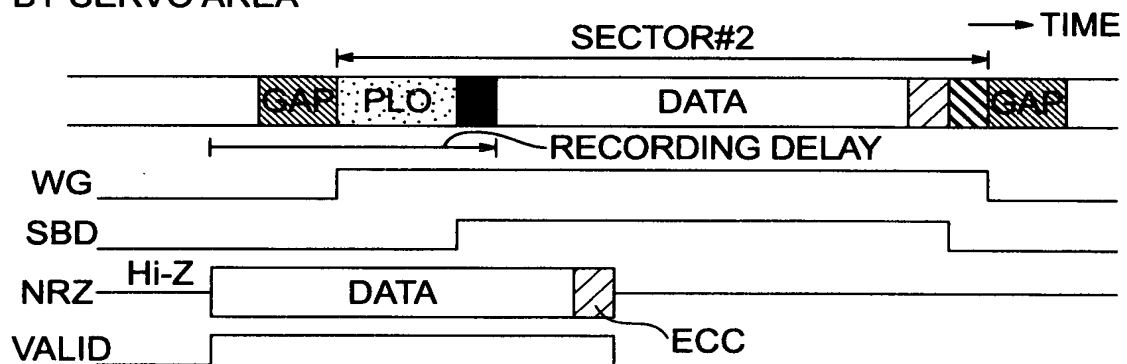
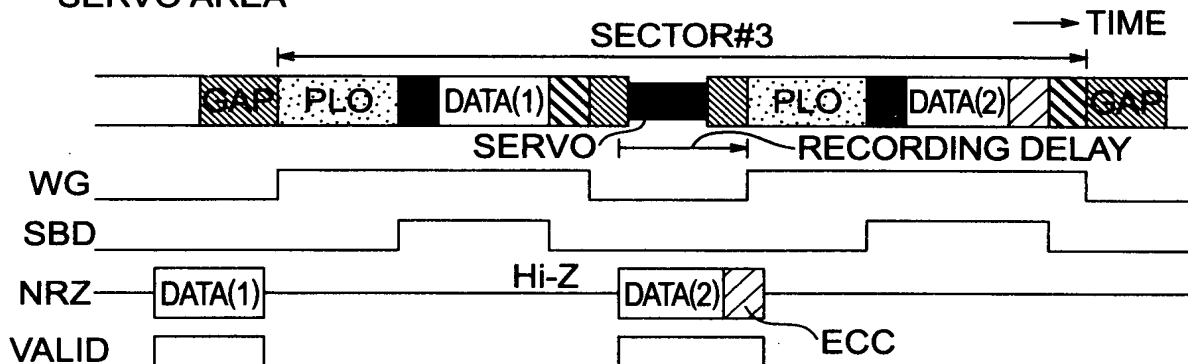


FIG. 14K



2020

[illegible]

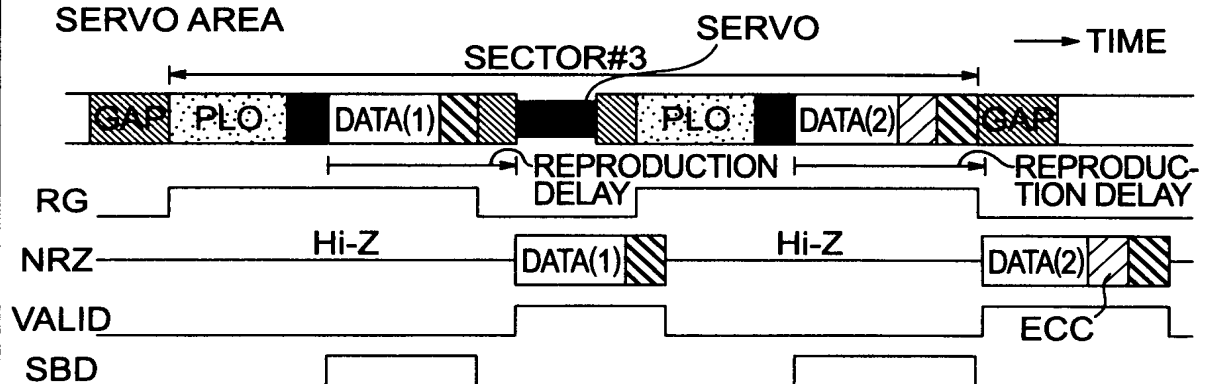
[illegible]

FIG. 19

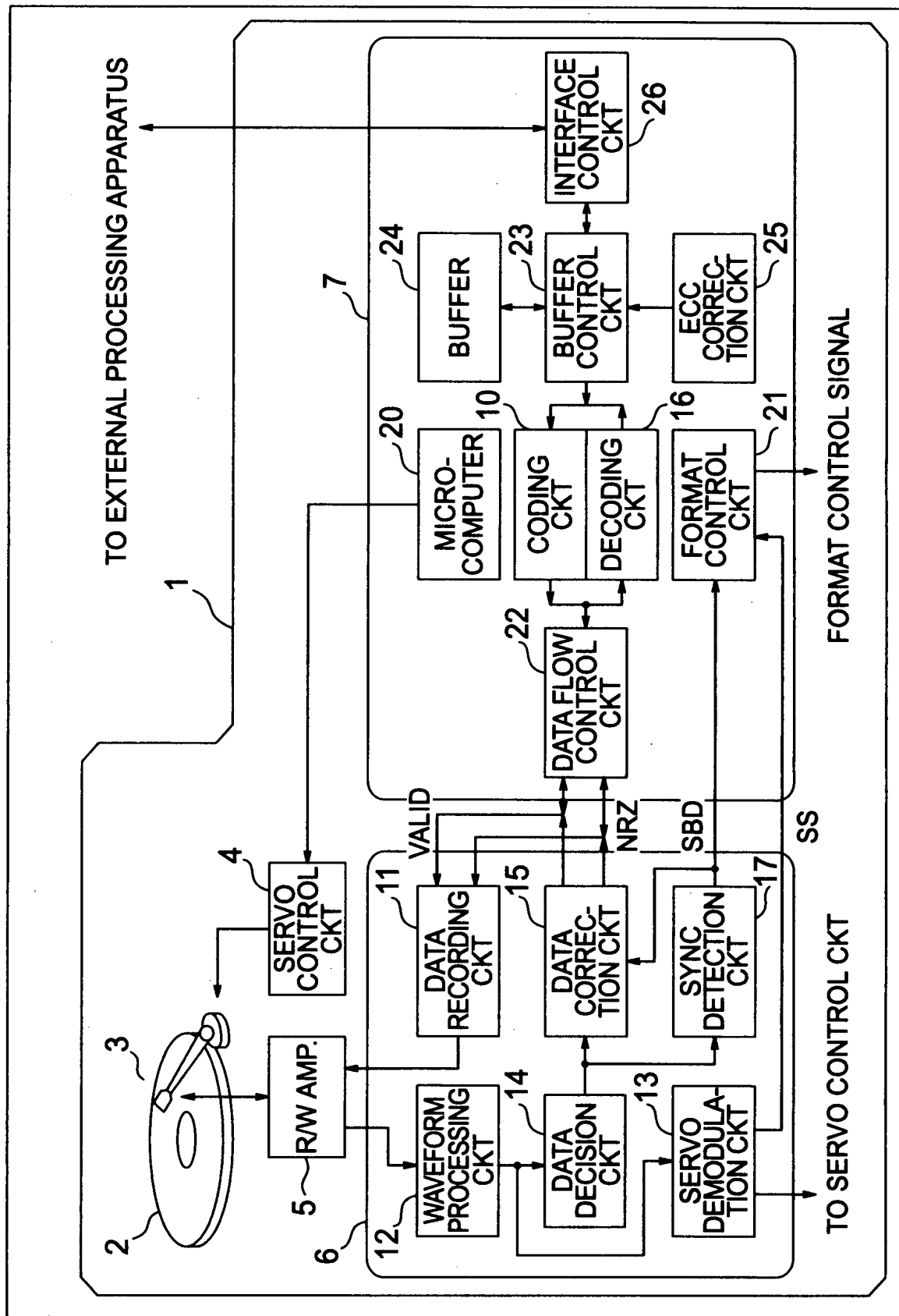
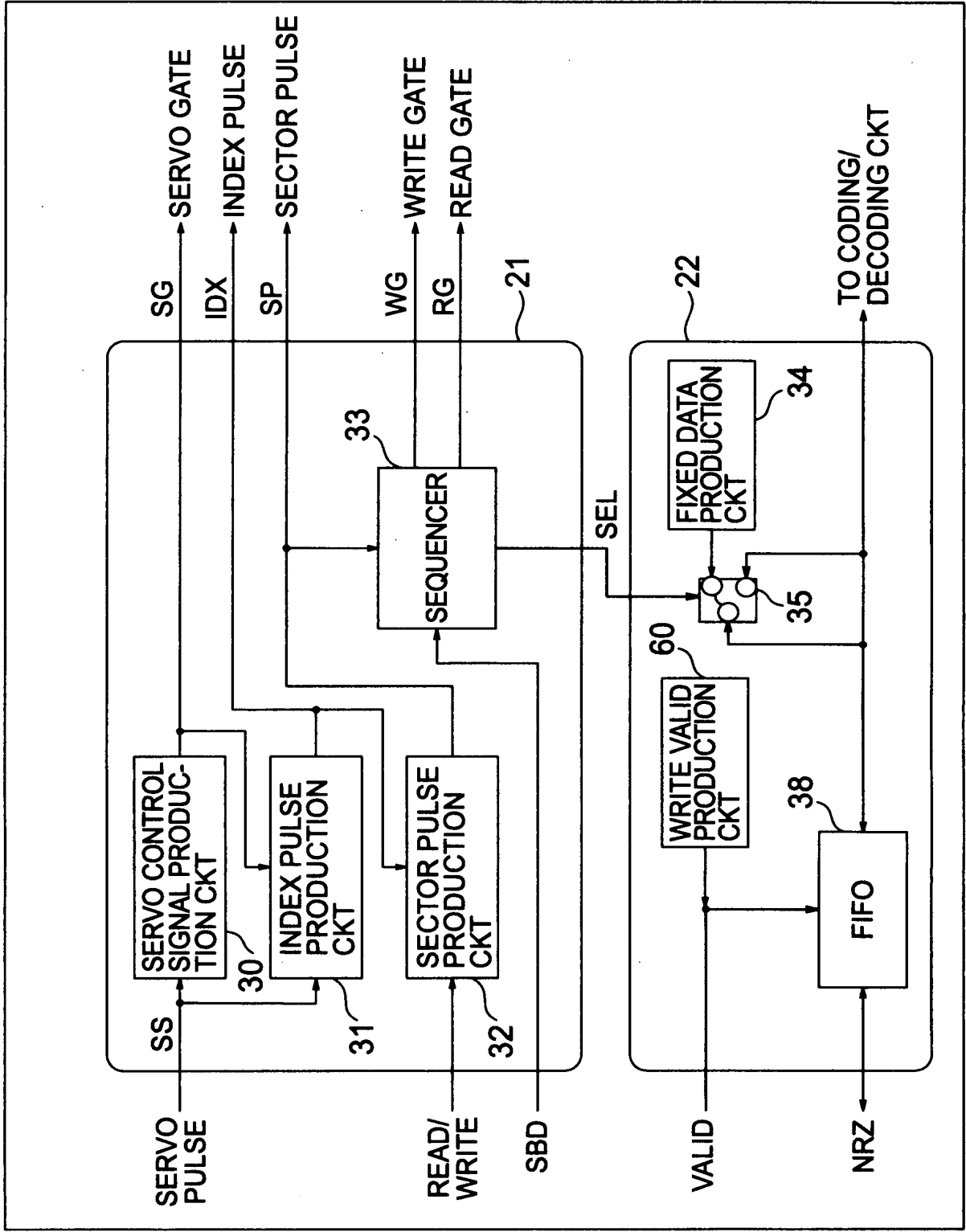


FIG. 20



005160" 20932560

FIG. 21A

CASE WHERE SECTOR
AREA IS NOT DIVIDED
BY SERVO AREA

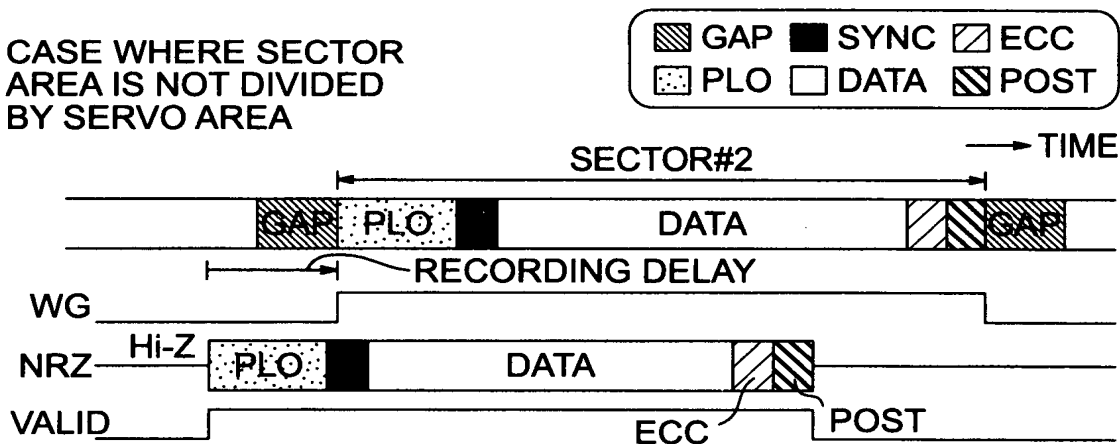


FIG. 21B

CASE WHERE SECTOR
AREA IS DIVIDED BY
SERVO AREA

